

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/050466

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F02D41/00 F02D41/36 F02D13/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F02D F02B F01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	EP 0 594 462 A (RICARDO CONSULTING ENG) 27 April 1994 (1994-04-27) column 2, line 47 - column 3, line 2 column 3, line 26 - column 4, line 16 column 5, line 55 - column 6, line 4 column 6, line 44 - column 7, line 3 column 8, line 11 - line 32 -----	1,2
A	EP 1 130 240 A (HITACHI LTD) 5 September 2001 (2001-09-05) paragraphs '0059!', '0060! figure 43 -----	1,2

☐

Further documents are listed in the continuation of box C.

☒

Patent family members are listed in annex.

* Special categories of cited documents *

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

G document member of the same patent family

Date of the actual completion of the international search

15 March 2005

Date of mailing of the international search report

24/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lapeyronnie, P

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No

PCT/FR2004/050466

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0594462	A	27-04-1994	DE	69310082 D1	28-05-1997
			DE	69310082 T2	31-07-1997
			EP	0594462 A1	27-04-1994
			EP	0594463 A1	27-04-1994
			JP	6200836 A	19-07-1994
			JP	6213080 A	02-08-1994
			US	5379743 A	10-01-1995
<hr/>					
EP 1130240	A	05-09-2001	JP	2001248484 A	14-09-2001
			EP	1130240 A2	05-09-2001
			US	6499456 B1	31-12-2002
<hr/>					